TEXAS INSTRUMENTS

Linear Circuits

Power+™ Products, Peripheral Drivers/Actuators

Data Book

1996

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INTRODUCTION

Texas Instruments offers an extensive line of the industy-standard integrated circuits designed to provide highly reliable circuits for switching inductive loads such as lamps, solenoids, motors, valves, and relays.

TI power devices represent technologies from the classic bipolar process to the Texas Instruments PRISM process, which offer improvements in power consumption and temperature stability.

This data book provides information on the following types of products:

- Power+ Arrays™ – integrated multiple, rugged power FETs in surface-mount packaging
- Power+ Logic™ – control logic integrated on same substrate with multiple power FETs
- Power+™ Control – integrated power ICs and pre-FET drivers to complement the Power+ Array family
- Peripheral drivers/actuators

TI continues to enhance quality and reliability of integrated circuits by improving materials, processes, test methods, and test equipment. Quality and performance are monitored throughout all phases of manufacturing; quality specifications and programs are continuously enhanced.

The Alphanumeric Index provides a method of quickly locating the correct device type. The Selection Guide includes a functional description of each device providing key parameter information and packaging types. Ordering Instructions and Mechanical Data are in the last section of this data book.

While this data book offers design and specification data for TI power integrated circuits, complete technical data for any TI semiconductor product is available from your nearest TI field sales office, local authorized TI distributor, or by writing directly to:

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We believe the new 1996 Linear Circuits Data Book is a significant addition to your library of technical literature from Texas Instruments.

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